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7590

03/30/2004

William R. McClellan
 Wolf, Greenfield & Sacks, P.C.
 Federal Reserve Plaza
 600 Atlantic Avenue
 Boston, MA 02210



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Doris A. Champagne	(Depositor's name)
<i>Doris A. Champagne</i>	(Signature)
June 23, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/847,268	05/02/2001	Christian Patouraux	H0659/7005	6918

TITLE OF INVENTION: METHOD AND APPARATUS FOR DETERMINING A CALIBRATED VALUE FOR THE YAW ANGLE OF A SATELLITE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/30/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
OEN, WILLIAM L	2855	073-17800R

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SES Astra S.A.

Chateau de Betzdorf, Luxembourg

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 23/2825 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

William R. McClellan

JUNE 23, 2004

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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06/28/2004 HDEMESS2 00000137 09847268

01 FC:1501
 02 FC:1504
 03 FC:8001

1330.00 OP
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TRANSMIT THIS FORM WITH FEE(S)



DOCKET NO.: H0659.70005US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christian Patouraux
Serial No: 09/847,268
Confirmation. No.: 6918
Filed: May 2, 2001
For: METHOD AND APPARATUS FOR DETERMINING A
CALIBRATED VALUE FOR THE YAW ANGLE OF A
SATELLITE

Examiner: Oen, William L.
Art Unit: 2855

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23rd day of June, 2004.

Doris A. Champagne
Doris A. Champagne

Mail Stop Issue Fee

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- ☒ Part B - Issue Fee Transmittal
- ☒ Certified Copy of Priority Document (EP 98120693.1)
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A check in the amount of \$1660.00 is enclosed to cover the issue fee, the publication fee and the fee for advance copies. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Christian Patouraux, Applicant

By: *William R. McClellan*
William R. McClellan, Reg. No.: 29,409
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
Telephone: (617)720-3500

Docket No. H0659.70005US00
Date: June 23, 2004
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